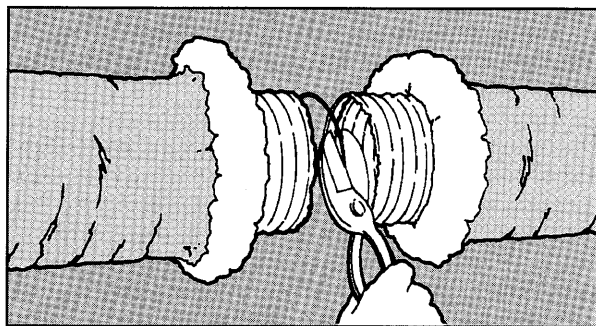


## Installation Guidelines . . . continued

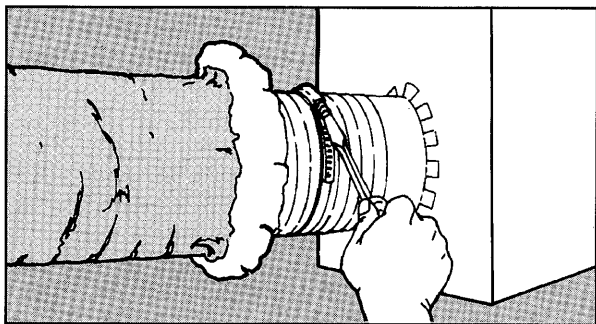
### 4.5 Installation Instructions for Air Ducts and Air Connectors - Nonmetallic with Plain Ends

#### Connections

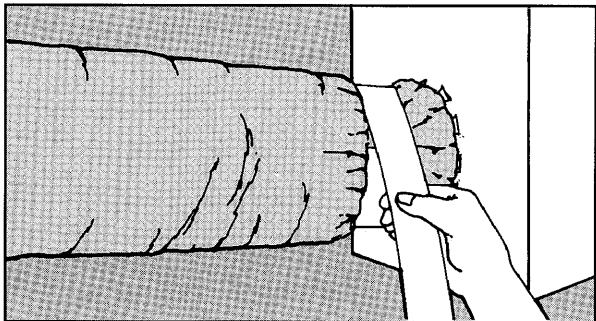
1. After desired length is determined, cut completely around and through duct with knife or scissors. Cut wire with wire cutters.



2. Pull back jacket and insulation from core. Slide at least 1" [25 mm] of core over collar, pipe or fitting. Tape core with at least 2 wraps of duct tape. Secure with clamp.

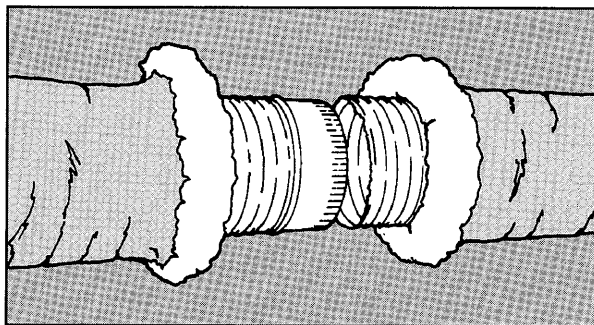


3. Pull jacket and insulation back over core. Tape jacket with at least 2 wraps of duct tape. A clamp may be used in place of or in combination with the duct tape.

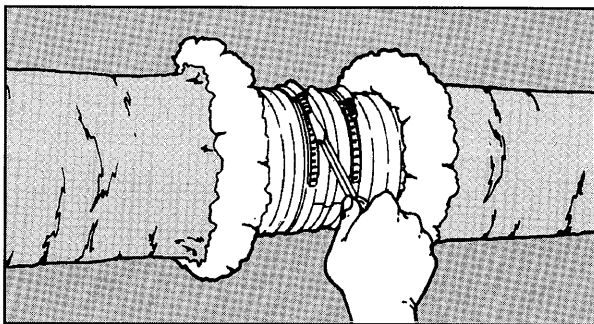


#### Splices

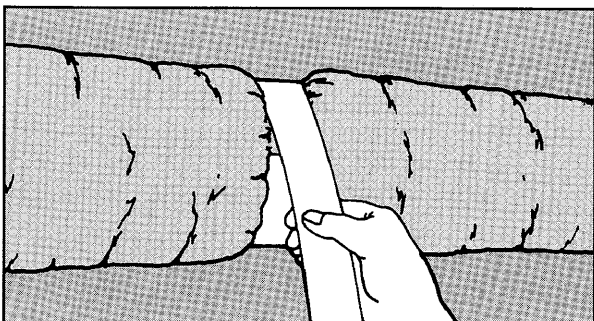
1. Peel back jacket and insulation from core. Butt two cores together on a standard 4" [100 mm] metal sleeve.



2. Tape cores together with at least 2 wraps of duct tape. Secure with 2 clamps.



3. Pull jacket and insulation back over cores. Tape jackets together with at least 2 wraps of duct tape.



#### NOTES:

1. For uninsulated air ducts and air connectors, disregard references to insulation and jacket.
2. Use beaded fittings for pressures exceeding 2" w.g. [500 Pa] and for diameters 12" [300 mm] and larger.
3. Use tapes listed and labeled in accordance with Standard UL 181B and marked "181B-FX".
4. Use clamps as specified on manufacturer's UL 181 Installation Instructions.